

**FLORIDA
TECHNOLOGICAL
UNIVERSITY**



ACCENT ON THE INDIVIDUAL

Bulletin of
Florida Technological University
1967-68 / 1968-69

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Orlando, Florida

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The cover photograph was taken by Astronauts L. Gordon Cooper
and Charles Conrad, Jr., during flight of Gemini V on August 23, 1965.



Governor Claude R. Kirk, Jr.



CLAUDE R. KIRK, JR.
GOVERNOR

STATE OF FLORIDA
OFFICE OF THE GOVERNOR
TALLAHASSEE

July 19, 1967

To The Charter Class of
Florida Technological University

As Governor of Florida it has been my privilege to participate in the development of Florida Technological University. The State of Florida is proud of the programs contemplated for this school and is anticipating great things from the graduates of Florida Tech.

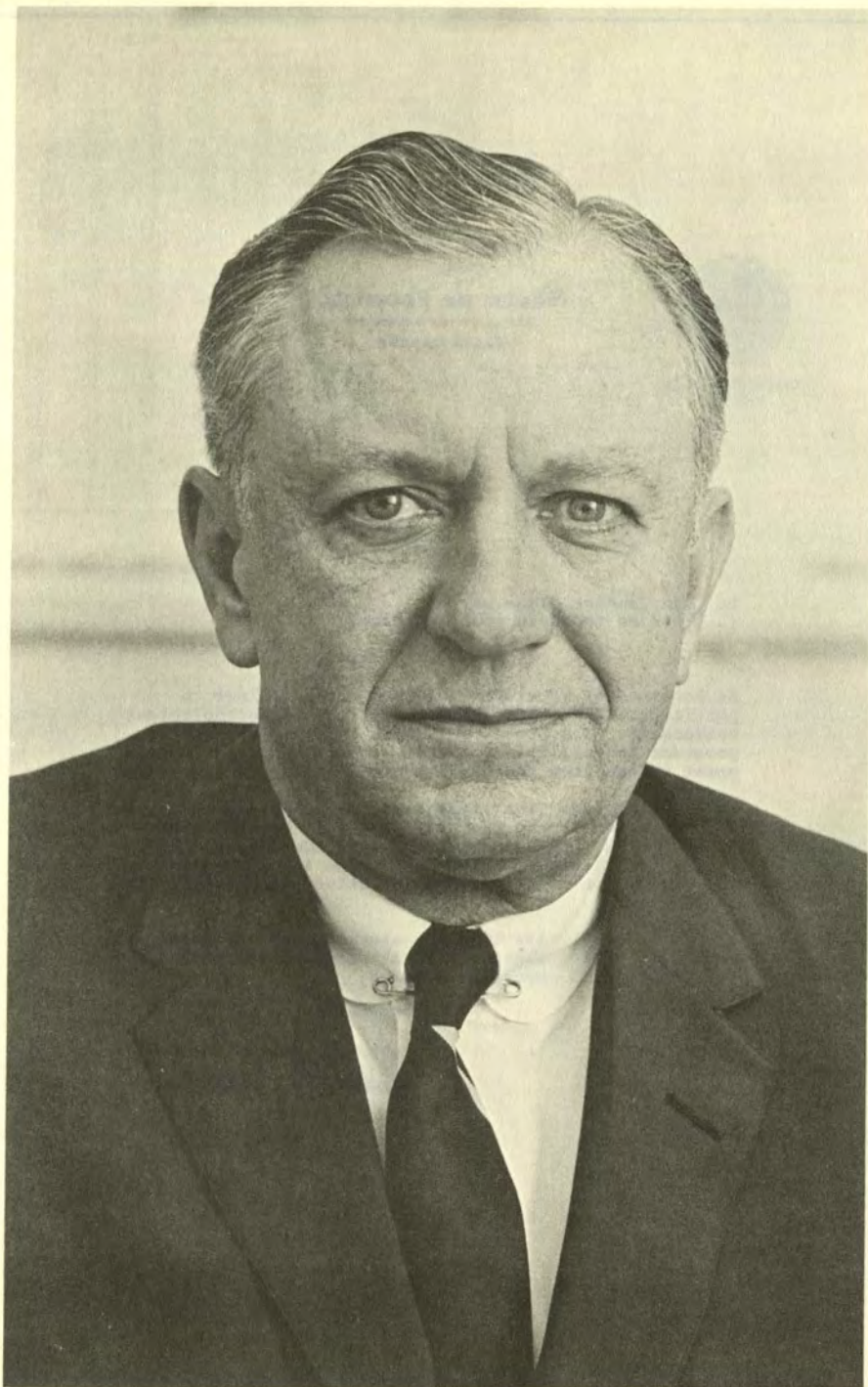
The students who find themselves qualified and accepted for admission in the Charter Class will have a unique and wonderful opportunity to advance the educational program of Florida, while at the same time preparing themselves for larger responsibilities and greater service as citizens.

Graduates of Florida Tech are assured that our State will recognize their talents and will provide opportunities for challenging and rewarding careers.

Sincerely,

A handwritten signature in dark ink, appearing to read "Claude R. Kirk, Jr.", written over a light-colored background.

CRK/dmw



Chairman Chester H. Ferguson

UNIVERSITY SYSTEM OF FLORIDA
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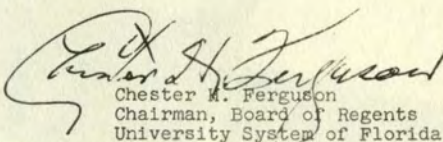
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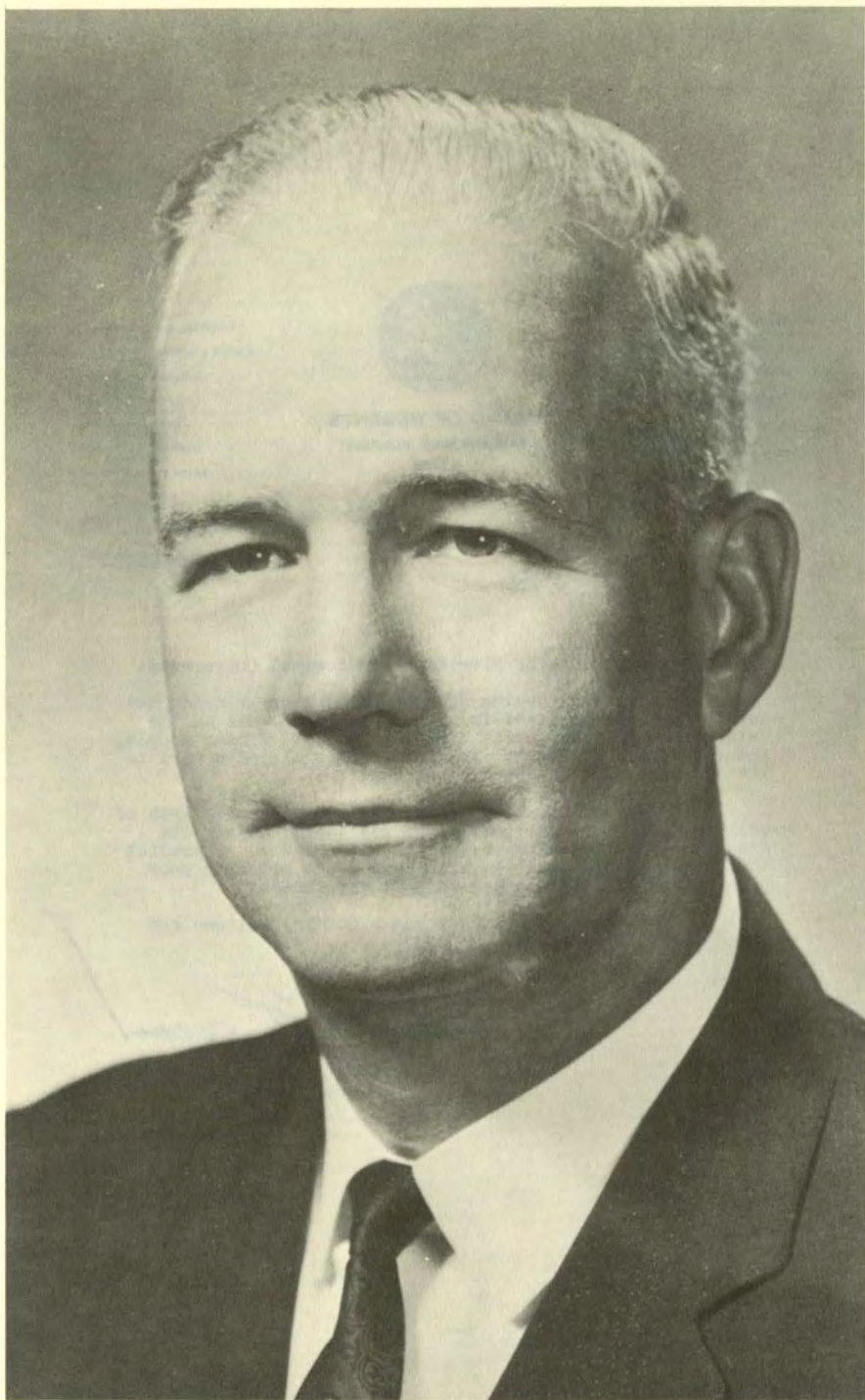
To the Charter Class of Florida Technological University:

With the opening of this University, Florida has accelerated its progress in higher education. It is the fulfillment of substantial effort on behalf of many people, and your Board of Regents is glad to have played a part in its planning, building and operation.

You, the Charter Class, will be the recipients of its benefits. You will help mold its image, create its tradition, and demonstrate its accomplishments. I predict that as the years pass you will take great pride in your Alma Mater and rally to her support when needed.

We extend to each of you a cordial welcome and best wishes in your college career.


 Chester M. Ferguson
 Chairman, Board of Regents
 University System of Florida



President Charles N. Millican



FLORIDA TECHNOLOGICAL UNIVERSITY

ONE WEST CHURCH STREET

ORLANDO 32801

OFFICE OF THE PRESIDENT

To the Charter Class of Florida Technological University:

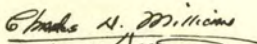
It gives me great pleasure to welcome you as members of the charter class of Florida Technological University. I would like to meet each one of you personally while you are attending Florida Tech.

We at Florida Technological University are dedicated to the preparation of responsible individuals for life in the modern world. To accomplish this goal, we are assembling the faculty and supporting staff members, acquiring the library materials, and constructing the physical facilities necessary to offer each of you the opportunity for excellence in education.

As members of the charter class, you will help establish the traditions and the reputation of an entirely new university. A challenge and an opportunity such as this comes only to a relatively few, and we are proud that you will be an instrumental part of this important undertaking.

All of us at Florida Technological University stand ready to assist you in attaining your educational goals. We wish you well in all your endeavors here at Florida Tech.

Sincerely,


Charles N. Millican
President

**STATE OF FLORIDA
BOARD OF EDUCATION**

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Governor**

**Tom Adams
Secretary of State**

**Earl Faircloth
Attorney General**

**Broward Williams
State Treasurer**

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Secretary to the Board
and State Superintendent
of Public Instruction**

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FLORIDA TECHNOLOGICAL UNIVERSITY

Administration

Office of the President

Charles N. Millican, Ph.D. President
Clarence C. Clark, Ph.D. Administrative Consultant
Richard E. Neel, Ph.D. Director of Institutional Planning
William F. Warden, Jr., A.B. Director of Public Relations

Academic Affairs Area

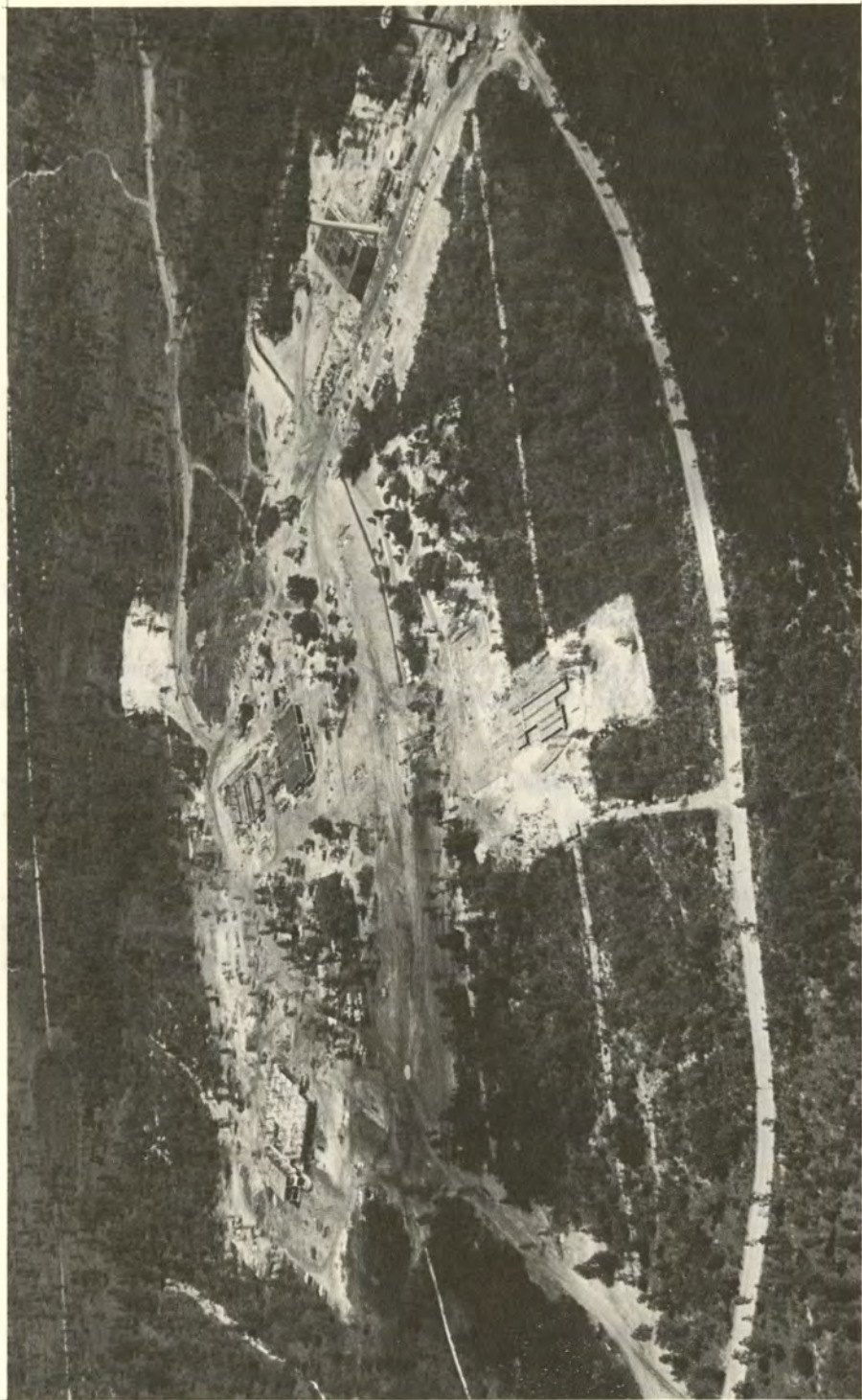
C. B. Gambrell, Jr., Ph.D. Vice President of Academic Affairs
Paul M. Green, Ph.D. Dean, College of Business Administration
Calvin C. Miller, Ed.D. Dean, College of Education
Charles N. Micarelli, Ph.D. Dean, College of Humanities and Social Sciences
Bernard Ostle, Ph.D. Dean, College of Natural Sciences
To Be Appointed Dean, College of Engineering and Technology
Lynn W. Walker, M.A. Director of Instructional Resources
Wm. Dan Chapman, M.A. Registrar and Director of Admissions

Business Affairs Area

John Philip Goree, M.Ed. Business Manager
Harry A. Poole, Ph.D. Director, Information Systems
Larry S. Brock, B.S., C.P.A. Director of Finance and Accounting
Thomas B. Castiglia, B.S. Director of Personnel Services
Fred E. Clayton, P.E. Director of Physical Plant
Frazer W. Rodman, M.B.A. Director of Procurement

Student Affairs Area

W. Rex Brown, Ed.D. Dean of Student Affairs



Campus during Construction

SPECIAL NOTES TO PROSPECTIVE STUDENTS

Florida Technological University is the newest state-supported institution of higher education in Florida.

The University will open in September, 1968, with course offerings for both freshmen and junior students.

The University is coeducational.

Students will be able to major in any one of the five colleges of the University.

These colleges are the:

- A. College of Business Administration
- B. College of Education
- C. College of Engineering and Technology *
- D. College of Humanities and Social Sciences
- E. College of Natural Sciences

* Freshmen only in 1968.

The major study programs which will be offered in the 1968-69 academic year by the University are summarized on page 33 of this Bulletin.

Florida Technological University welcomes requests for information from prospective students. General information may be obtained from the Office of the Registrar.

Application forms and admission information may be obtained from the Director of Admissions. On page 75 of this Bulletin is a form which may be used to request an application for admission.

A Supplement to this Bulletin will be available in the spring of 1968. The Supplement will contain detailed information about the University's major study programs and course offerings. On page 75 of this Bulletin is a form which may be used to request the Supplement.

Inquiries may be addressed to:

Florida Technological University
Post Office Box 25000
Orlando, Florida 32816
University Telephone: (305) 425-2694

Florida Technological University reserves the right to change without notice any of the materials — information, requirements, regulations — published in this Bulletin.

GENERAL INFORMATION

GENERAL INFORMATION

PURPOSE AND PHILOSOPHY

Florida Technological University has been established as a part of the State University System of Florida to help meet the rapidly growing demand for higher educational opportunities within the State of Florida. As a result of the decision made during the mid-1950's to locate new universities in the urban areas of the State, this one is being built in the rapidly growing East Central Florida region, thus continuing the trend of taking educational opportunities to the people.

Florida Technological University will open in September, 1968, as a coeducational institution with course offerings for both freshmen and junior students.

The philosophy of the University has two basic tenets: first, an **Accent on the Individual**, and second, an **Accent on Excellence**. In order to meet appropriately the rapidly changing conditions of the modern world, the University may need to add other tenets to its basic philosophy from time to time.

Accent On The Individual

Florida Technological University's role is to provide the finest possible academic program for each individual student; to meet this end, an entire university community is being planned in which all activities will make some contribution toward each person's educational development. The individual worth of the student, his vitality, and his character will be given an opportunity for development to their fullest potential. Those who provide this opportunity will demonstrate the belief of our society in the value of **one** — in this instance of the **individual**.

Realizing that learning is an intensely personal affair, face-to-face communication between students and faculty will be provided for in the academic, the social, and the housing facilities. Thus, the campus master plan will contain a recognition of the value of the individual. This master plan, called the "Village Concept," will be described more fully later in this Bulletin.

Great men have high ideals. Any system of education that fails to encourage such ideals is denying the American tradition which is based on emulation of the high ideals of great men who have made a great America. In adopting its philosophy of accent on the individual, Florida Technological University follows the lofty purpose of men like George Washington, Theodore Roosevelt, and Woodrow Wilson, who were not cast in a mold, but instead created the mold, the pattern of leadership.

These men not only were individuals who exercised leadership; they were responsible individuals who exercised responsible leadership. Responsible leadership can come solely from responsible individuals, so the University's accent is not only on the individual, but also on **the responsible individual**. The raw material for this priceless product lies in the hearts and minds of those citizens of tomorrow whom it will be the privilege of the University to teach.

America faces many perplexing problems today, and these probably will multiply and become more complex in the future. To meet this challenge successfully, the nation must have persons of vision, courage, integrity, and responsibility. It will be the purpose of the University to demonstrate that out of the inexhaustible reservoir of American youth will come the kinds of individuals who will continue to guide America along the paths of freedom and greatness.

Accent On Excellence

In enunciating this second element of the University's basic philosophy, it is expected that every person at the University (faculty, staff, and students) will reach for excellence in all of his endeavors, each person striving to do his best with whatever abilities he possesses, whether they be many or few.

FOUNDING AND EARLY DEVELOPMENT

The 1963 State Legislature authorized the establishment of the new university in the east central region of the State. The bill was signed into law by Governor Haydon Burns on June 10, 1963, and the name was approved by the Florida State Cabinet on January 17, 1966.

Several campus sites were offered to the State of Florida by the citizens of several counties in East Central Florida. Eventually selected by the State Board of Education and the State Board of Control (now the Florida Board of Regents) is the site located approximately twelve miles northeast of downtown Orlando. This Orange County site was chosen as the location most accessible to the greatest number of people of the area.

Dr. Charles N. Millican, Dean of the College of Business Administration at the University of South Florida, was officially appointed as the first President of the University in October, 1965. He assumed his new duties on a full-time basis on December 1 of that year. Among the many early activities of the President were making decisions on designs and drawings for the buildings, recruiting key academic and administrative staff members, and giving speeches.

Aided by local community leaders, President Millican selected temporary quarters in the National Office Building in downtown Orlando. During the spring of 1967, additional space was secured for the storage of library holdings.



National Office Building (Temporary Quarters)

Actual construction on the campus site was begun in late January of 1967. The official Groundbreaking ceremonies were held on March 19, 1967. Many dignitaries from all walks of public and private life were present for the Ground-breaking. The principal address was given by Governor Claude R. Kirk, Jr.

The months between the reporting date of the President and the present time have been filled with the many activities involved in planning and developing a new university. The University's commitment to quality education has been paramount during the development of the physical plant, the library, and the academic programs, as well as in the recruitment of the faculty and staff.



Groundbreaking Ceremonies

MASTER PLAN FOR THE CAMPUS

The campus of Florida Technological University consists of 1,227 acres of land, much of which is covered with handsome pine, palm, cypress, cedar, and oak trees. Lakes and ponds contribute to the natural beauty of the campus. Lake Claire covers approximately forty acres and Lake Lee encompasses about fourteen acres. While the campus is in the process of development, every effort is being made to preserve and enhance the natural beauty of the site.

The Village Concept on which the University's campus master plan is based is so new that there are only a few in existence. In fact, the Florida Technological University village plan is unique. The present plan envisions a circle within which will be located all of the buildings and other facilities needed during the first ten years of the life of the University. The central core of the campus will contain the general and specialized academic buildings, such as the Library-Learning Resources Center and Science Buildings. Closely related academic disciplines will be clustered together for identity and convenience. In close proximity to and radiating from the central core of the campus in a concentric circle will be the separate student communities called "villages."

Among other facilities, each village is to contain residence halls, a village (student) center, an infirmary, and a physical education recreation area. Five villages are planned during the first ten years, each one designed to serve about 3,000 students. The Village Concept will assist the University in maintaining a small college atmosphere for each student while at the same time providing the student with the educational and enrichment opportunities available only in a university setting.



Campus Site — 1966



Campus Site — Ten-Year Master Plan

For the future, in addition to increasing the number of village centers and residence halls, the University plans to add classroom buildings for science and technology, the social sciences, the humanities, the life sciences, teacher education, physics, and business administration. In addition to classrooms, each of these buildings will contain appropriate types of instructional equipment, as well as faculty offices and research facilities.

Future plans also call for the construction of additional outdoor physical education facilities, a teaching auditorium-theater, and a combined administration-general classroom-data processing center building.

The academic and extra-curricular programs to be offered by the University determine in large measure the kinds of buildings and equipment being planned. A great deal of consideration is being given to how well these physical facilities contribute to the educational and personal development of the students.

THE CAMPUS IN 1968

A winding road lined with oak and pine trees leads from the entrance to the heart of the campus and to the Library-Learning Resources Center Building. This five-story structure will serve a multitude of purposes for the first few years. In addition to housing the library, it also will temporarily contain general classrooms, the data processing center, the language laboratory, office space for the faculty, and administrative offices.

A very short walking distance from the Library-Learning Resources Center Building is the Science Building. This structure, containing classrooms, faculty offices, and teaching and research laboratories, will accommodate all of the biological and physical sciences during the early years. Thus, it too will be a multiple-purpose building during the first few years. The Science Lecture Hall, which will seat 320 persons, adjoins the Science Building.

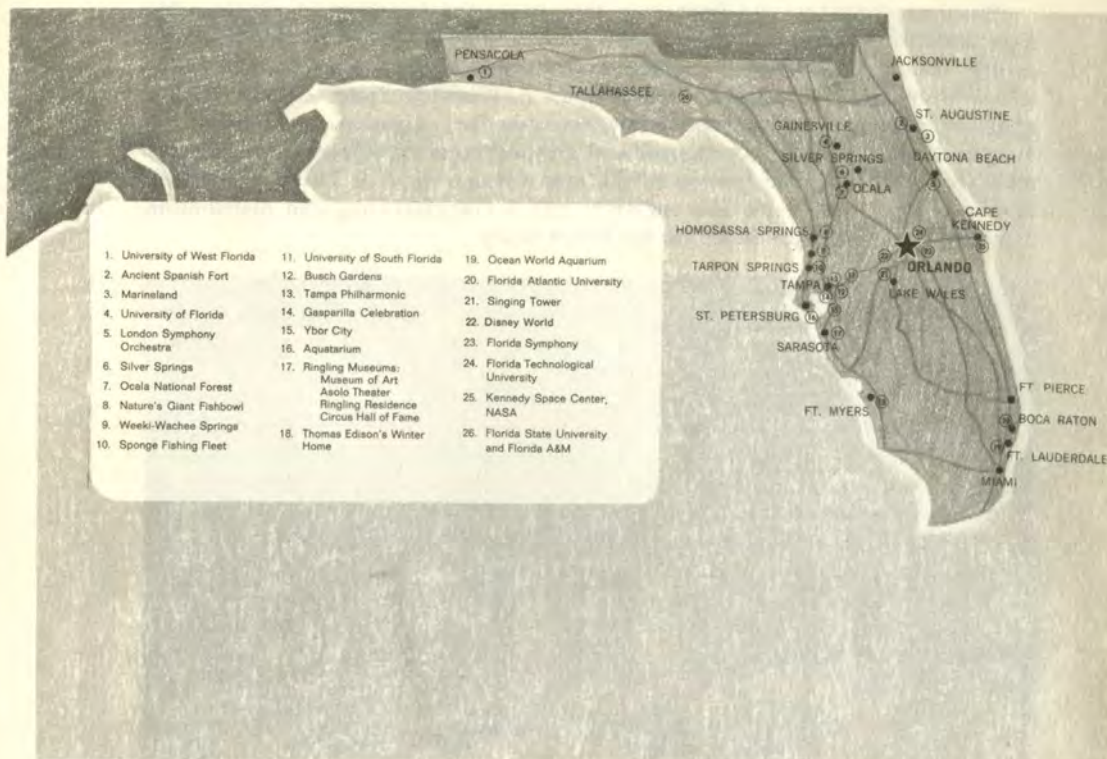
The Village Center, commonly referred to on other campuses as the "student center" or the "student union," is expected to be the focal point of much student activity on the campus. Included in the Village Center will be food service facilities, indoor recreational areas and equipment, offices for student organizations, and a bookstore.

The University is planning to have residence facilities available for 432 students in September, 1968. These facilities are to consist of four interrelated residence halls, each of which will house 108 students. Two of the residence halls will be for men students; the other two will accommodate women students. Each of the residence halls will have two floors. Students will live in suites composed of a bedroom-study area, a living room, and a bath. Included in the suite pattern are single rooms for 48 students; all other rooms will be designed to accommodate two students.

The outdoor recreational facilities are being designed to accommodate the academic physical education programs, the organized intramural program, and the informal recreational activities.

Parking spaces will be located in close proximity to all of the physical facilities mentioned in the previous paragraphs.

The citizens of Florida have provided the charter students of Florida Technological University with physical facilities in the amount of \$10 million.



Selected Florida Attractions

THE EAST CENTRAL FLORIDA AREA

Florida Technological University is located in the center of the dynamic East Central Florida region of the State. This area is well endowed with a rich heritage of educational, cultural, industrial, and recreational activities.

The public school systems of the area have experienced rapid growth in recent years while maintaining high-quality programs. The several privately supported colleges and public junior colleges have served the higher educational needs of Central Florida, the State, and the Nation for a number of years. Florida Technological University will become a part of this group in September of 1968.

The arts flourish in East Central Florida. About 250,000 volumes are shelved in the new Orlando central public library and its eight branches. The Florida Symphony Orchestra, located in Orlando, was the first all-professional symphony orchestra in the State. Each year it presents subscription concerts, as well as pop and children's concerts. For the past two years, the Summer Music Festival in Daytona Beach has featured the London Symphony Orchestra. There are several art galleries and museums in the area, as well as wide participation in the annual Winter Park Sidewalk Art Festival. Housing one of the South's few planetariums, the Central Florida Museum and Planetarium presents celestial shows and exhibits and displays, many of them with a space-age orientation. Several theater groups are active in East Central Florida.

Business, industry, and finance in this area have experienced considerable expansion in recent years. Much of this growth in East Central Florida has been in the "technical" industries, including electronics, aircraft, missiles, and scientific instruments. The location of the John F. Kennedy Space Center, NASA, about 25 miles east of the campus site, accounts for a significant amount of the economic activity in both technical and non-technical industries. Agri-industry makes a significant contribution to the area's economy. It is based principally on citrus and truck crops. The region is also a manufacturing and distribution center for consumer products for the entire State.



Vehicle Assembly Building, John F. Kennedy Space Center, NASA

Recreational and entertainment activities are both varied and numerous. Since it is located in the center of the State and is a crossroads for several major highways, this area either includes or is close to many of the educational, cultural, and tourist attractions of Florida. For example, Daytona Beach, St. Augustine, and Cypress Gardens are within short driving distance of the campus. Regularly scheduled tours make it easy to visit the Kennedy Spaceport, "Gateway to the Moon."

Sports enthusiasts will appreciate the many opportunities for boating, fishing, and swimming. Orange County alone provides several parks open to the general public. Orlando fields its own professional football team — the Orlando Panthers of the Continental Football League — and is the spring headquarters for the American League Minnesota Twins baseball club, as well as the home of the Class A Orlando Twins.

This section of the Bulletin would not be complete without a description of the plans for Disney World. This huge complex will be built approximately 15 miles southwest of Orlando; 43 square miles of land have already been acquired and preliminary work is under way at the site. Disney World will include as its major features:

- A. A Theme Park. Similar to Disneyland in California, but considerably larger, the Theme Park is expected to open in 1971. Adjoining the Theme Park will be hotel, motel, recreational, and entertainment facilities for the entire family.
- B. An Industrial Park. In the 1,000-acre Industrial Park, the Disney staff will work with individual corporations to create a showcase of industry at work. This facility also will provide employment for many residents of Disney World.
- C. EPCOT (the Experimental Prototype Community of Tomorrow). Since EPCOT will depict urban life 25 years into the future, it will never be complete, but will always be introducing, testing, and demonstrating new ideas and new technologies. EPCOT is designed to serve an initial population of 20,000.

The estimated 1965 population in the East Central Florida region was about 838,000; it is projected at 1,148,000 for 1970.



Conceptual Rendering of EPCOT
(Copyright, 1966, Walt Disney Productions)

15A Candidate for membership

ACCREDITATION

The University has established contact with the Southern Association of Colleges and Schools and is working closely with the Association in pursuit of accreditation and membership at the earliest possible time.

The Southern Association of Colleges and Schools has established the following pattern for the accreditation of new institutions. The new institution may become a Candidate for Membership after its first year of operation. A Candidate for Membership may be granted initial accreditation after one class has been graduated. The accreditation so granted applies to the first graduating class. Florida Technological University anticipates its first graduating class in June, 1970.

FLORIDA TECHNOLOGICAL UNIVERSITY FOUNDATION

The development of the Florida Technological University Foundation is in the planning stage. The Foundation, a non-profit corporation, will function as the recipient of all contributions for University advancement. These supplemental funds may be used for many purposes, such as financial assistance to students, library development, equipment purchases, and sponsorship of outstanding cultural events for the benefit of the students and the public.

Support for the Foundation will be gratefully accepted from friends of the University, including students, parents, faculty and staff, the business community, and all other interested citizens. An effective Foundation will significantly assist Florida Technological University in fulfilling its commitment to excellence.

CITIZENS ADVISORY COUNCIL

The Citizens Advisory Council is composed of a group of leading citizens in six East Central Florida counties and has been formulated to be of assistance to the University during the planning and development stage. The Council, representing a cross section of business, industry, and the professions, has already been of invaluable help. Its officers are Mr. William H. Dial, President; Dr. Leon G. Van Wert, First Vice President; Mr. William T. Wallis, Second Vice President; Mr. Frank Wheeler, Third Vice President; Mr. Albert F. Siepert, Secretary; and Mr. Pat J. Corregan, Treasurer.

FTU is

We are the 7th State University

Manual

ACADEMIC PROGRAMS

Major in General Studies

Call Dr. Orrin Tucker

ACADEMIC PROGRAMS

1. General Education

INTRODUCTION

Florida Technological University will open in September, 1968, as a coeducational institution with course offerings for both freshmen and junior students.

The University recognizes that it has a dual objective to attain in its education of students. The first is to help in the development of an individual's intellectual capacities so that he might have a better understanding of his present environment and the environment in which he might be expected to live in the future. Through this knowledge a student will be better equipped to strive for an understanding of life itself. This intrinsic aim of education cannot be measured in earning capacity; but it is one of the University's most important goals, as it produces the character of our society. This is a facet of education which helps prepare the student for a responsible role in society.

The second major aim of the University is to offer the student an opportunity to prepare for a profession or to do specialized study in a selected discipline. Each student must choose the way in which he wishes to earn his livelihood, and one purpose of the University is to give him the opportunity to develop the greatest possible competence in his chosen field.

In order to achieve the first aim, the University is developing the Environmental Studies Program, in which a number of distinctive courses will be included. This Program is being designed to acquaint the student with his total environment, how it came into being, and what it portends for the future.

In order to achieve the second aim, the University will provide the opportunity for the student to major in any one of a wide variety of selected disciplines. It is to be expected that the student will also use his field of specialization as a pivot to expand his horizons in all areas of life by studying one aspect of it in depth.

The student may choose a major from among the disciplines offered by the five colleges of the University. These colleges are the:

- A. College of Business Administration
- B. College of Education
- C. College of Engineering and Technology
- D. College of Humanities and Social Sciences
- E. College of Natural Sciences

The University plans to offer majors in all five colleges for freshmen entering in 1968. It will not offer engineering to juniors until September, 1970.

UNIVERSITY DEGREE REQUIREMENTS

The University graduation requirements must be met by each student who wishes to receive a degree.

To meet minimum bachelor degree requirements, all students must complete at least 183 quarter credit hours with a minimum average of "C" for all courses attempted. At least 72 quarter hours must be from courses numbered 300 or above.

The last 45 hours of credit for degree completion must be taken at Florida Technological University.

If changes are made in the graduation requirements while the student is enrolled at the University, he may elect to complete the graduation requirements from either the bulletin under which he entered or a later one.



Dr. C. B. Gambrell, Jr.
Vice President of Academic Affairs

ENVIRONMENTAL STUDIES PROGRAM

Degree Requirements

All students who are candidates for a bachelor's degree in any curriculum will be required to complete a total of 74 quarter hours in the University's Environmental Studies Program.

Entering freshmen should select courses from this Program in consultation with their faculty curriculum adviser and in accordance with University requirements.

Junior college students should complete the program of general education required by the junior college. Certification of the completion of this program will be accepted as fulfilling the Basic Program of Environmental Studies.

Transfer students from other accredited higher education institutions will be given credit for general education work completed satisfactorily in those institutions if it is equivalent in content to courses in the Environmental Studies Program.

Purpose

Rather than imparting knowledge merely for the sake of knowledge and to make the subject matter relevant to the world, the University's Environmental Studies Program seeks to offer the student an organized body of knowledge which will enable him to make intelligent decisions and have a meaningful life in a world of increasing complexity.

With the individual student as the focal point, the framers of the Environmental Studies Program are looking at the world as it is now and as it may be in the future for the purpose of determining the fundamental areas of knowledge necessary to provide the student with an understanding of his total environment. From these broad areas of knowledge will be developed the courses — some traditional and some distinctive — comprising this Program. The University believes that its Environmental Studies Program should include some course work from all of these fundamental areas of knowledge and that the emphasis should not be on the sum of factual knowledge assembled in these areas but rather on the understanding of basic principles, conceptual comprehension, and the verification of knowledge.

The University's Environmental Studies Program has the following objectives:

- A. To assist the student in developing those qualities of mind and character necessary to intellectual advancement and productive membership in society.
- B. To develop the student's awareness of, and esteem for, the privileges and responsibilities of citizenship in a democratic society.
- C. To excite the student's intellectual interests and stimulate him to continue to seek knowledge throughout his adult life.
- D. To provide the student with an awareness of mankind's more important achievements and the methods of their development.
- E. To refine and intensify the student's powers of thinking and judgment.
- F. To strengthen the student's sense of personal and social responsibility.

Program

Tentatively, the University plans to include course work from the following areas of knowledge in the Environmental Studies Program:

ENVIRONMENTAL STUDIES

BASIC PROGRAM

Satisfactory completion of a junior college general education program fulfills the requirements of the Environmental Studies Basic Program.

	Hours Required
COMMUNICATIONS	9
A. Composition (3)	
B. Speech (3)	
C. Literature (3) or Cybernetics and Computer Programming (3)	
HUMANITIES — General Humanities (3,3,3)	9
PHYSICAL EDUCATION — Physical Education (1,1,1)	3
SCIENCES	21
A. Mathematical Sciences (9)	
Functional Mathematics (3,3)	
Elementary Statistics (3)	
B. Biological or Physical Sciences (12)	
Biological Science (4,4,4) or	
Physical Science (4,4,4) or	
Any combination of the above totaling 12 credit hours.	
A student may substitute other courses in the same subject matter area for those listed as required in the biological, mathematical, and physical sciences providing the alternative courses have been previously approved by the Standards Committee of his College and by the Environmental Studies Committee of the University.	
SOCIAL SCIENCES	18
A. A total of 9 credit hours, with at least two fields represented:	
Economics (3,3,3)	
Geography (3,3,3)	
History of Western Civilization (3,3,3)	
Political Science (3,3,3)	
B. A total of 9 credit hours, with at least two fields represented:	
Anthropology (3,3,3)	
Psychology (3,3,3)	
Sociology (3,3,3)	
ADVANCED PROGRAM	
BUSINESS AND TECHNOLOGY	6
A. Business (3)	
B. Technology (3)	
SENIOR SEMINARS	8
A. The Arts in Human Affairs (2)	
B. Business in Human Affairs (2)	
C. Education in Human Affairs (2)	
D. Science in Human Affairs (2)	
E. Technology in Human Affairs (2)	
Each student will take four of the five seminars, omitting the one offered by the College in which he is majoring.	—
TOTAL	74

MAJOR STUDY PROGRAMS

The University plans to provide undergraduate programs for major study in the following areas, dependent upon the availability of faculty, facilities, and sufficient student interest:

	College of Business Administration	College of Education	College of Engineering and Technology	College of Humanities and Social Sciences	College of Natural Sciences
Juniors	Accountancy Economics* Management	Elementary Secondary**		English History Psychology Sociology	Biological Sciences Chemistry Mathematics and Statistics Physics
Freshmen	Accountancy Economics* Finance Management Marketing Small Business Transportation	Elementary Secondary**	Unified Engineering Program	Communications English Fine Arts Foreign Languages: French German Spanish History Political Science Psychology Sociology	Biological Sciences Chemistry Computer Science Mathematics and Statistics Physics

In addition to any selected program of study, each student must fulfill the University Environmental Studies and Physical Education requirements.

*Will also be available to students in the College of Humanities and Social Sciences.

**For Freshmen, majors in Secondary Education will be available in biology, business education, chemistry, English, foreign languages, mathematics, physical education, physics, and social science; for Juniors, in biology, chemistry, English, mathematics, physics, and social science. These majors will be offered in conjunction with the Colleges of Business Administration, Humanities and Social Sciences, and Natural Sciences.



Dr. Paul M. Green
Dean, College of Business Administration

THE COLLEGE OF BUSINESS ADMINISTRATION

The purpose of the College of Business Administration is to provide an educational experience which will assist students in developing their potentialities for leadership and service in business, in government, in teaching, and in research related to business problems and operations. It seeks to provide the student with a strong foundation in liberal education, a thorough background in basic business and economics courses, and specialization in at least one major area of business.

The College contributes to the advancement of knowledge through the research activities of its faculty and students and provides educational services for business, government, industry, finance, and other groups in the community. It also recognizes its responsibilities to students in the other colleges of the University by providing them with an opportunity to complement their education with courses in business and economics.

Being mindful of the rapid rate of change in our society, the College places heavy emphasis on the understanding of the principles of business and economics and the utilization of logic in the solution of business problems. It strives to strengthen the student's powers of creative thinking, increase his sensitivity to ethical and social values, and instill in him a desire for learning that will continue after he has taken his place in the business community.

Major Study Programs

The College of Business Administration plans to offer undergraduate programs of study in the following disciplines:

For Entering Juniors

Accountancy
Economics
Management

For Entering Freshmen

Accountancy
Economics
Finance
Management
Marketing
Small Business
Transportation



Dr. Calvin C. Miller
Dean, College of Education

THE COLLEGE OF EDUCATION

The College of Education is organized as a professional college within the University. Each individual student who is planning a career in teaching in the elementary or secondary schools will be enrolled in this College.

The academic program is primarily concerned with three broad areas: Environmental Studies, specialized preparation, and professional preparation. All of these areas are interrelated and interdependent.

The Environmental Studies requirements are designed to provide a broad foundation for each individual. These courses will be offered by each of the colleges.

In general, specialized preparation in subject matter areas for secondary education majors will be offered by the University's other colleges, while specialized elementary education content courses will be offered by the College of Education. All programs are developed in cooperation with the other colleges within the University.

The professional sequence is the responsibility of the College of Education and is designed to:

- A. Give insights into the processes of school curriculum and organization.
- B. Present an opportunity for the individual student to understand how learning takes place, as well as furnish him with methods and procedures needed for successful teaching.
- C. Develop an understanding of the society in which the school functions.
- D. Build an awareness in the individual of his relationship with students and the community.
- E. Provide significant pre-student teaching experiences and a culminating student teaching experience near the end of the student's program.
- F. Stimulate each individual toward the realization of the challenges and responsibilities in the field of education and to begin the development of a basic philosophy of education.

Considerable emphasis will be given to providing all education majors with an opportunity to have cooperatively planned learning experiences in a laboratory setting. The laboratory experiences are specifically designed to blend realistic practical experience with theoretical knowledge. In most instances elementary and secondary schools in Central Florida will serve as educational laboratories for the students of the College of Education.

The College of Education plans cooperatively with Student Affairs in the development of an effective intramural program. It also will provide the physical education courses that are required of all students within the University.

Program design will continue to change as evaluation and research determine the advisability of change in reference to the individual's personal and academic needs.

Major Study Programs

The College of Education plans to offer undergraduate programs of study in the following areas subject to the availability of faculty, facilities, and sufficient student interest:

For Entering Juniors

Elementary
Secondary:
 Biology
 Chemistry
 English
 Mathematics
 Physics
 Social Science

For Entering Freshmen

Elementary
Secondary:
 Biology
 Business Education
 Chemistry
 English
 Foreign Languages
 Mathematics
 Physical Education
 Physics
 Social Science

THE COLLEGE OF ENGINEERING AND TECHNOLOGY

Purpose

Engineering is one of the most important evolutionary forces in civilization today. The professional engineer should assume a leading role not only in the conceptual and planning stages but also in the design, manufacturing, construction, operation, and management phases of various engineering facilities and programs. At the same time, the professional engineer should understand that engineering innovation is a means of solving problems in our society and accept a large measure of social responsibility for significant engineering developments.

The professional engineer is the key individual in a team of technical specialists which includes engineering design specialists, engineering operations and management specialists, and engineering technicians. It is the purpose of Florida Technological University's engineering and technology programs to provide the broad university level educational opportunities requisite for preparing qualified individuals to make effective contributions through careers in engineering and applied science in our technologically oriented society.

Admission

Students who wish to be admitted to full freshman standing in engineering should present certain secondary school units in addition to the minimum University requirements. A total of $3\frac{1}{2}$ units is required in mathematics, including advanced algebra, geometry, and trigonometry. Calculus is recommended. The laboratory sciences chosen must include at least one unit in physics and one in chemistry. One unit of biology is strongly recommended.

Students who have omissions or deficiencies in subject matter preparation may be required to complete additional university credit course work which may not be applied toward an engineering degree. The most common deficiencies that must be removed before beginning regular engineering course work are algebra, trigonometry, general physics, English, and general chemistry.

Subject to the general grade and residence requirements of the University, provisional credit will be granted for transferred course work equivalent to that required in Florida Technological University's engineering program. These provisional credits will become final only after the student has demonstrated his ability to do satisfactory work at the University. Transfer credits in pre-engineering from a junior college will be used to satisfy freshman and sophomore level requirements only. The status of a student and the specific credits acceptable toward his degree will be determined by the Dean of the College.

Students who are well prepared usually will be able to complete the program of study leading to the degree of Bachelor of Science in Engineering in any of the engineering curricula in four years. In cases of inadequate secondary school preparation or other extenuating circumstances, the undergraduate program may be extended beyond the normal four-year period.

Degree Requirements In Engineering

The satisfactory completion of a minimum of ~~165~~ 168 quarter hours, including the required Environmental Studies courses, the engineering core, and both required and elective courses in an area of concentration will be required for the Bachelor of Science in Engineering degree. Where omissions or deficiencies exist, the student will need to complete work in addition to the minimum credits required in the engineering program.

All engineering students in the College must complete work in the basic sciences, mathematics, engineering sciences, and their application to the solution of engineering problems. These courses are not training courses for any of the mechanical or manipulative technology skills; instead, they are intended to provide preparation for conceptual planning, development, design, research, graduate work, and, with appropriate electives, for operation, production, testing, construction, maintenance, and management. For assistance and counsel in planning a degree program, each student will be assigned to a faculty curriculum adviser from the instructional faculty in his area of concentration.

Programs Of Study In Engineering

ENGINEERING DESIGN. The Bachelor of Science in Engineering degree with a concentration in Engineering Design may be earned by choosing primarily design-oriented courses to fulfill the requirements above those of the engineering core. This particular course of study is intended to provide a concentration in engineering education with a greater emphasis on the design function.

The University plans to offer the following course areas for freshmen entering in 1968:

- Aerospace Sciences
- Electrical Sciences
- Engineering Mathematics and Computer Sciences
- Environmental Sciences
- Management Systems and Controls
- Materials Sciences
- Thermal Sciences

ENGINEERING OPERATIONS. The Bachelor of Science in Engineering degree with a concentration in Engineering Operations will provide a liberal engineering education with sufficient breadth and depth to prepare those who desire careers in manufacturing, construction, maintenance, and sales. Primary emphasis will be on the broad service, production, and operations functions of engineering practice. Students electing this program will complete the freshman year and the Environmental Studies requirements applicable to all other engineering students. The remainder of the engineering core will be taught in an alternative sequence with the possibility of special emphasis on application, economics, management, and production control. The engineering elective sequence may be so selected as to provide specialization in areas such as construction, facilities, or manufacturing options.

Technology Programs

Florida Technological University is giving careful study to the possibility of offering a bachelor's degree in selected areas in technology just as several other prominent universities are now successfully doing.

The areas under most serious consideration are:

- Civil Technology
- Electrical Technology
- Industrial Technology
- Mechanical Technology

It is anticipated that it will be possible for Florida Technological University to offer these and selected other technology programs during its early years.



Dr. Charles N. Micarelli
Dean, College of Humanities and Social Sciences

THE COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

The College of Humanities and Social Sciences endeavors to fulfill with the other four colleges of the University the general aims of Florida Technological University. This College has the responsibility of training specialists in the principle disciplines of the humanities and the social sciences. The following major study programs are being planned for offering in the near future: anthropology, art, classical studies, communications, English, foreign languages, geography, history, humanities, linguistics, music, philosophy, political science, psychology, sociology, speech, and the theater arts.

At the time of the opening of the University in September of 1968, incoming juniors will be offered major study programs in the following fields: English, history, psychology, and sociology. While majors for juniors will be offered in only these four fields in the opening year, electives will be made available in allied fields.

Entering freshmen will have a greater variety of major study programs from which to choose. They may major in communications, English, fine arts, French, German, history, political science, psychology, sociology, or Spanish. With each year that passes, new majors will be added until all the specializations listed in the first paragraph of this statement become part of the College curriculum.

In addition to training specialists in the various disciplines of the College, the College of Humanities and Social Sciences will cooperate with the other four colleges of Florida Technological University in the Environmental Studies Program and in offering electives suitable to students in each of the five colleges.

A student enrolled in the College of Humanities and Social Sciences must fulfill all of the University requirements listed for the bachelor's degree. In addition to these general University requirements, the student must fulfill the requirements set by the department of his major and must complete nine quarter hours of credit in a foreign language.



Dr. Bernard Ostle
Dean, College of Natural Sciences

THE COLLEGE OF NATURAL SCIENCES

It is the purpose of the College of Natural Sciences to assist each of its students to develop all his capacities to the fullest extent of his ability. The College is concerned not only with the intellectual development of its students, but also with their proper physical, emotional, social, and spiritual growth. To this end, the College will provide a broad liberal education through the Environmental Studies Program as well as concentrated study in specialized fields.

Specific objectives of the College of Natural Sciences are:

- A. To see that the student obtains a broad liberal education which will:
 - 1. Develop in him a sense of personal and social responsibility;
 - 2. Aid him in developing those qualities of mind and character necessary to intellectual advancement and to productive membership in society;
 - 3. Give him an awareness of the more important achievements of mankind;
 - 4. Arouse his intellectual interests;
 - 5. Give him an increased appreciation of the values expressed in morality, religion, the sciences, and the fine arts;
 - 6. Bring about a progressive strengthening and refining of the powers of reasoning and judgment; and
 - 7. Stimulate him to continue to seek knowledge throughout his adult life.
- B. To prepare the student, through its programs of concentrated study, with the opportunity to achieve competence in a scientific or technical profession of his choosing.
- C. To help develop the student's character and provide him with the motivation to use his knowledge wisely.

In order to achieve the above objectives, the College of Natural Sciences will:

- A. Participate in the Environmental Studies Program;
- B. Provide undergraduate and graduate instruction in the various subject matter fields which constitute the biological, mathematical, and physical sciences;
- C. Encourage and support research in all subject matter fields which are included in the College of Natural Sciences; and
- D. Provide training in preparation for later admission to a professional school of dentistry, medicine, nursing, or veterinary medicine.

The College of Natural Sciences will cooperate with the College of Business Administration and the College of Humanities and Social Sciences by making available to their students general and specialized courses in the mathematical and natural sciences; with the College of Engineering by providing instruction in those basic fields that constitute the scientific framework upon which its professional programs are built; and with the College of Education in the preparation of elementary and secondary school teachers by providing extensive and intensive training in the biological, mathematical, and physical sciences.

Major Study Programs

Degree programs must be approved by the department of the major and by the Dean of the College of Natural Sciences. Each degree program will contain at least 183 quarter hours of credit, including Environmental Studies, a major field of study, and electives.

Programs leading to the bachelor's degree are planned in the following fields:

For Entering Juniors

Biological Sciences
Chemistry
Mathematics and Statistics
Physics

For Entering Freshmen

Biological Sciences
Chemistry
Computer Science
Mathematics and Statistics
Physics

PRE-PROFESSIONAL PROGRAMS

Florida Technological University will offer study programs to prepare students for direct entrance into such professional schools as law, medicine, veterinary medicine, dentistry, and theology. Differences exist among professional schools with regard to their degree requirements and the number of years of college work which may be completed prior to entrance. Students who plan to enter a pre-professional program at Florida Technological University should study the catalogs of the institutions to which they might transfer and consult at an early date with the appropriate faculty curriculum adviser, such as the pre-law or the pre-medicine adviser.

Joint programs in such career areas as forestry, agriculture, home economics, architecture, pharmacy, social work, and library sciences may be worked out between Florida Technological University and cooperating institutions. Students interested in pursuing degree programs in these areas should work closely with their faculty curriculum adviser.

EVENING COURSE OFFERINGS

The University's class pattern will begin in the morning and continue into the evening hours. Instructors for evening courses, as well as the faculty curriculum advisers, will be regular faculty members who also teach courses offered throughout the day. In effect, the evening offerings will represent an extension of the day programs with the same standards of academic excellence expected of all students.

Evening course offerings will provide community service and help meet the professional and cultural needs of people within commuting distance of the University. Students will be admitted to evening courses as either degree seeking or non-degree seeking students.

Those persons who are interested in attending evening courses may obtain further information from the Director of Admissions, Florida Technological University, Post Office Box 25000, Orlando, Florida, 32816.

SUMMER QUARTER

The summer quarter is an essential and regular component of the University's academic program. In addition to providing an opportunity for regular students to continue work on degree requirements, the summer quarter will serve teachers and beginning freshmen who have just graduated from high school.

CONTINUING EDUCATION

Florida Technological University is responsive to the continuing educational needs of its community, encompassing Brevard, Lake, Orange, Osceola, Seminole, and Volusia counties. To serve these needs, the University will offer two broad types of programs.

Off-Campus Credit Courses

These courses will be offered beginning with the September, 1968, academic year for individuals who are not within a reasonable commuting distance of the University. The off-campus credit courses generally will be taught by the University's regular faculty. In the instances in which this will not be possible, highly qualified persons from other educational institutions, as well as from business and industry, will provide the instruction.

Non-Credit Programs

The University will in time offer a variety of non-credit instructional programs — short courses, seminars, workshops, institutes, and conferences. These programs will be developed to meet the educational needs of business, professional, government, service, civic, and other groups. The lecturers and instructors for these programs will come from the faculties of Florida Technological University and other educational institutions, as well as from the ranks of highly qualified individuals in selected fields from business, industry, and government.

Further information about Florida Technological University's Continuing Education programs may be obtained from the Director, Continuing Education, Florida Technological University, Post Office Box 25000, Orlando, Florida, 32816.

FACULTY

The faculty of the University will number approximately one hundred during the first year of classes. Insofar as resources permit, students will have the benefit of small classes in furtherance of the University's goal of directing attention to the educational needs of the individual student.

The faculty of the University will be of superior professional and personal qualifications. It is anticipated that at least 70 per cent of the charter faculty will hold the doctorate. Faculty members will be selected from all sections of the country and will represent all age groups. In addition to being highly qualified teachers, many of the faculty will be active in research and writing, in their professional organizations, and in consulting with business and government. Thus, the faculty will bring substantial training and experience into their teaching and advising relationships with students.

ACADEMIC ADVISING

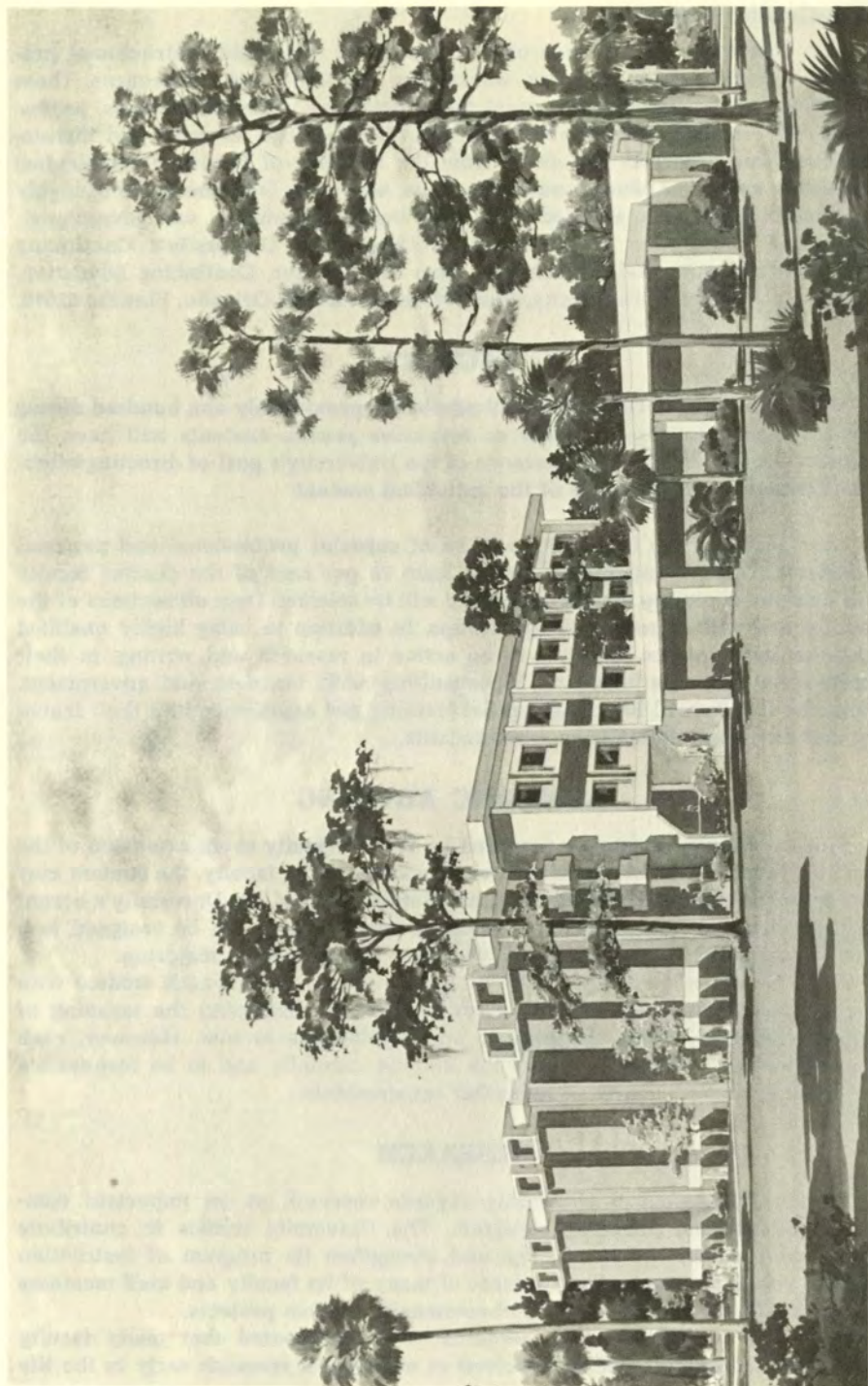
Since academic advising is regarded by the University as an extension of the teaching function and an important responsibility of the faculty, the student may anticipate careful academic advising as another facet of the University's accent on the individual. For curriculum advising, each student will be assigned to a faculty curriculum adviser in the subject area in which he is majoring.

Faculty curriculum advisers will be interested in assisting each student with the planning of his academic program, as well as discussing the meaning of higher education and its importance and significance to him. However, each student will be expected to study the Bulletin carefully and to be responsible for meeting the University's graduation requirements.

RESEARCH

Florida Technological University regards research as an important component of its total education program. The University wishes to contribute to the advancement of knowledge and strengthen its program of instruction through research. The research talents of many of its faculty and staff members will be available for consulting and community service projects.

With this attitude towards research, it is anticipated that many faculty members and students will be involved in meaningful research early in the life of the University.



Artist's Rendering of Science Building and Science Lecture Hall

**ADMISSION, COSTS, AND
ACADEMIC POLICIES AND PROCEDURES**

ACADEMIC POLICIES AND PROCEDURES
ADMISSION, COSTS, AND

APPLICATION PROCEDURE

Since Florida Technological University is committed to serving the educational needs of its students and the community, it encourages qualified persons to make application for admission. Information regarding admission to the University and all forms necessary for admission may be obtained from the Director of Admissions, Florida Technological University, Post Office Box 25000, Orlando, Florida, 32816.

The completed application form should be returned to the University by the prospective student. The required supporting documents—such as the high school and college records—must be sent to the Director of Admissions directly from the appropriate institution, at the request of the applicant.

The University will immediately acknowledge the receipt of the completed application. Shortly after the required supporting information has been received and evaluated, the University will notify the applicant of its admission decision.

Prospective students are encouraged to apply early for admission to the University. Applications are accepted as early as one year prior to the time of anticipated enrollment.

If, for any reason, the prospective student finds it impossible to enroll at the University after having been admitted, he should notify the Director of Admissions during the month following the originally requested date of entry if he wishes his application changed to a future entry date. Otherwise, it will be necessary for him to complete a new application form and pay the application fee again.



FTU's First Applicants Viewing Master Plan with President Millican
(Mr. Calvin Wendell Barnlund, Mr. Lee Wesley Leeper, Miss Judy Kay
Moore, Mrs. Althea Thorne Neitzel, and President Millican)

ADMISSION REQUIREMENTS FOR FRESHMEN

It is recommended that all prospective freshmen who wish to be admitted to Florida Technological University take the college preparatory program offered by their high school, giving particular attention to English and mathematics.

Each prospective student's application will be evaluated on the basis of the individual's potential for development and progress toward the attainment of a baccalaureate degree. The following are among the specific criteria to be used by the University in arriving at its admission decision.

Graduates Of Florida High Schools

To qualify for admission to the University, it is necessary for each graduate of an accredited Florida high school to:

- A. Compile at least a "C" average in all academic subjects in high school.
- B. Score at least 300 on the Florida State-Wide Twelfth Grade Tests.
- C. Receive a favorable recommendation from an appropriate high school official.

Graduates of accredited Florida high schools who score below 300 on the Florida State-Wide Twelfth Grade Tests may be admitted to the University if there is satisfactory evidence that they can be expected to do successful academic work. Graduates of non-accredited Florida high schools may be admitted to the University provided they meet all of the requirements for students from accredited Florida high schools and, in the judgment of an appropriate faculty committee, can be expected to do successful academic work at the University. No more than five per cent of the projected freshman class may be admitted as exceptions to the above policy statements.

Graduates Of Non-Florida High Schools

Graduates of non-Florida high schools may be admitted to the University provided they:

- A. Stand in the upper 40 per cent of their high school graduating class.
- B. Score satisfactorily on acceptable tests (i.e., in the upper 40 per cent on the S.A.T., A.C.T., or A.C.E.).
- C. Receive a favorable recommendation from an appropriate high school official.



Library - Learning Resources Center Building during Construction



Artist's Rendering of Library - Learning Resources Center Building

ADMISSION REQUIREMENTS FOR TRANSFER STUDENTS

Applicants who have attended any college or university, regardless of the amount of time spent in attendance or the credit earned, are considered as transfers. The University's first-year course offerings at the junior level will permit junior college transfers to proceed on the normal path toward meeting bachelor's degree requirements in those academic fields listed on page 33 of this Bulletin.

Transfer students will be eligible for admission to the University if they:

- A. Have an average of "C" or higher for all previous college work.
- B. Are eligible for readmission to the last institution attended.
- C. Have a satisfactory citizenship record.

In addition, students transferring from institutions other than those in the State University System of Florida shall be required to make a satisfactory score on a general ability test.

ADMISSION REQUIREMENTS FOR NON-DEGREE STUDENTS

The admission requirements for transient and non-degree students differ from those previously described for freshmen and transfers.

Transient Students

Regular undergraduate students in good standing at other colleges may be admitted to Florida Technological University as transient students for one quarter only. A statement of good standing is required from the parent institution.

Non-Degree Students

By providing evidence that they are qualified to do the proposed work, persons may enroll as non-degree students without meeting the requirements for degree programs. The essential evidence required may be a satisfactory high school record, acceptable test scores, or a satisfactory recommendation.

Non-degree students who wish to transfer to degree programs must either meet the admission requirements applicable for degree-seeking students or earn a minimum of 24 quarter hours credit with an average of "C" or better.

MEDICAL EXAMINATION

Each applicant for admission to the University is required to submit the completed physical examination form which is included in the application materials.

FLORIDA RESIDENCY

For the purpose of assessing fees, applicants shall be classified as Florida or non-Florida students. A Florida student is a person who shall be a citizen of the United States or a resident alien and who shall have resided and had his habitation, domicile, home, and permanent abode in the State of Florida for at least twelve (12) months immediately preceding his current registration. In applying this regulation, "applicant" shall mean a student applying for admission to the institution if he is married or 21 years of age, or, if he is a minor, it shall mean parents, parent, or legal guardian of his or her person.

In all applications for admission by students as citizens of the State, the applicant, if married or 21 years of age, or, if a minor, his parents or legal guardian shall make and file with such application a written statement under oath that such applicant is a bona fide citizen and resident of the State and entitled as such to admission upon the terms and conditions prescribed for citizens and residents of the State.

In the determining of a Florida resident for purposes of assessing fees, the burden of proof is on the applicant. Under the law an applicant can change his place of residence from another state to the State of Florida only by actually and physically coming into the State and establishing his residence, with the intention of permanently residing within the State. The domicile or legal residence of the wife is that of the husband, and the legal residence of a minor is that of the parents, parent, or legal guardian of his person.

A non-Florida student may apply in writing for reclassification prior to any subsequent registration under the provisions set forth below. To qualify for reclassification as a Florida student, a person (or if a minor, his parents) shall have resided in Florida for twelve (12) months, shall have filed a declaration of intent to become a resident of the State, and shall be registered to vote in the State. An alien shall have resided in Florida for twelve (12) months and must present U. S. Immigration and Naturalization certification that he is a resident alien. If the application is supported by evidence satisfactory to the University that the student then qualifies as a Florida student, his classification will be changed for future registrations.

FEES AND EXPENSES

All University fees must be paid on or before registration day. It will not be possible for the student to defer the payment of these fees or to pay them in installments during the quarter.

The Financial Aids section of this Bulletin provides information on the different types of financial assistance which will be available to the student.

The fee schedule which follows will be applicable for the 1968-69 academic year.

- A. Application fee (required with all applications for admission to the University and not refundable)\$ 10.00
- B. Registration fee (required of both Florida residents and non-Florida residents):
 - 1. For 7 or more quarter hours (credit or non-credit), the **fee per quarter** will be 125.00
 - 2. For less than 7 quarter hours (credit or non-credit), the **fee per quarter hour** will be 10.00
- C. Tuition (required of non-Florida residents **in addition to** the registration fee):
 - 1. For 7 or more quarter hours, the **tuition per quarter** will be 200.00
 - 2. For less than 7 quarter hours, the **tuition per quarter hour** will be 14.00
- D. Room and Board (required of students living in University residence halls) per quarter..... 285.00*
- E. Books and Supplies (estimated) per quarter 50.00
- F. Incidental expenses, such as laundry, cleaning, and entertainment, will vary with the individual student.

* Because of changing costs, it may be necessary to make some adjustment in this figure.



John Philip Goree
Business Manager

TYPICAL COSTS PER QUARTER

The following estimates represent typical costs for a **Florida resident** attending the University full time during the 1968-69 academic year. The estimates are for one quarter of academic work and do not include incidental expenses.

	Commuting Student	Student Living in University Residence Hall
Registration Fee	\$125.00	\$125.00
Room and Board	None	285.00
Books and Supplies	50.00	50.00
Total	\$175.00	\$460.00

Non-Florida residents will be charged an additional \$200.00 per quarter for out-of-state tuition.

REFUND OF FEES

The state universities in Florida are preparing a policy regarding the refund of fees. This policy will be included in a later bulletin.

CLASSIFICATION OF STUDENTS

Students will be classified on the basis of quarter hours earned as follows:

Freshman	— fewer than 45 quarter hours
Sophomore	— 45 through 89 quarter hours
Junior	— 90 through 134 quarter hours
Senior	— 135 or more quarter hours

GRADING SYSTEM

The University will utilize an alphabetical grading system. This system, with the grade point equivalent per quarter hour, is as follows:

A — Excellent 4 grade points
B — Good 3 grade points
C — Average 2 grade points
D — Passing 1 grade point
F — Failure 0 grade points

The grade point average (GPA) is computed by dividing the total number of grade points achieved by the total number of hours attempted. The grade point average for graduation requirements will be computed on all hours attempted.

A grade of "I" (Incomplete) will be assigned when a student is unable to complete a course because of extenuating circumstances.

ADVANCED PLACEMENT

Florida Technological University will participate in the Advanced Placement Program conducted by the College Entrance Examination Board. The University will grant selective course credit to those students who have passed with satisfactory grades one or more advanced placement examinations in those courses to be offered by the University.

STUDENT CONDUCT

Students at Florida Technological University will be considered as responsible individuals interested in obtaining a college education. Rigid regulations of personal conduct should not be necessary for such students.

Just as the University emphasizes excellence in academic performance, it emphasizes high standards of individual conduct. It expects every student to recognize constituted authority, to conform to the ordinary rules of good conduct, to be truthful, to respect the rights of others, and to respect private and public property.

As part of its accent on excellence, the University expects all of its student leaders to perform satisfactorily in their academic work and to exhibit a high degree of integrity.

MAXIMUM LOAD

A student who is enrolled in fifteen quarter hours of course work will be carrying an average academic load. Students desiring to take nineteen or more quarter hours of course work must obtain written permission from either the Department Chairman of the discipline or the Dean of the College in which they are majoring.

INDEPENDENT STUDY

Opportunities for independent study will exist in the several colleges at Florida Technological University. Independent study at the University will permit highly qualified students to engage in individual study, reading, and research under the supervision of a faculty member.

CREDIT BY EXAMINATION

The purpose of Credit by Examination will be to give the student an opportunity to earn credit in a course in which he has adequate preparation or experience, but in which he has not received academic credit.

Information concerning these examinations may be obtained from the office of the Dean of the College in which the student is enrolled.

STUDENT LIFE AND SERVICES

STUDENT LIFE AND SERVICES

INTRODUCTION

Florida Technological University is vitally concerned with all aspects of the student's development while he is attending the University. Of paramount importance are the intellectual and co-curricular needs of the individual student. To satisfy these needs, the objective of the University is to develop excellence in all academic programs by providing outstanding faculty members, modern library services, and the best physical facilities permitted by available resources.

To supplement the academic objectives of the University, a wide variety of co-curricular activities will be offered through student organizations to provide opportunities for an enriched student life.

LIBRARY SERVICES

The University Library, which will temporarily occupy part of the fourth floor of the Library-Learning Resources Center Building, will contain between 40,000 and 50,000 volumes of books and bound periodicals in all fields upon opening in the fall of 1968. Volumes are being added at a rapid rate, and the total is expected to reach some 350,000 volumes within ten years after opening. In addition to books and periodicals required for course work, a full and varied selection of materials for collateral and recreational reading will be provided. The Library has already been designated as a depository for U. S. Government documents. State documents from Florida, as well as from other states, will be provided.

The Library will operate on a full schedule of hours, including evenings and weekends, to permit the fullest use of its facilities by all students. Instruction in the use of the Library will be available to students.

The Learning Resources Center, operating in conjunction with the University Library, will provide films, tapes, slides, sound recordings, and other instructional media for class use and for recreational use. As the University grows and other units move into their permanent quarters, the Library and the Learning Resources Center will expand their facilities and occupy the entire Library-Learning Resources Center Building.

PHYSICAL FACILITIES

The physical facilities are being designed for the diverse needs of today's college students. The meeting of these needs is the primary consideration in the development of the academic buildings, the residence halls, the village center, and the recreation areas of the campus of 1968 and in the evolving of the long-range campus master plan.

HOUSING

On-Campus

The University is planning to have residence halls available in September, 1968. Additional information about these residence facilities is provided on page 22 of this Bulletin. Students should apply for housing in University residence halls at the same time that they apply for admission to the University.

↑ Rado



Artist's Rendering of Residence Halls

Off-Campus

There will be a list of University-approved housing available to students who wish to live off-campus, but unmarried students under 21 years of age must present written permission from their parents or guardian in order to reside off campus. Students living in off-campus housing will be expected to maintain the same standards of conduct applicable to students residing in on-campus housing.

FOOD SERVICE

Cafeteria dining facilities will be located in the Village Center. Three carefully prepared meals a day will be provided for students residing on campus; the cost of these meals will be included in the total charge for room and board. Food service will also be available to non-resident students and other members of the University community.

A snack bar and food vending machines will complement the cafeteria dining facilities.

FINANCIAL AIDS

The University is vitally concerned with helping students secure financial assistance when it is needed and, in furtherance of this end, will administer several programs of financial aid. In general, the financial aids available at the University will take the form of grants, scholarships, loans, and employment. The funds for these programs will come from business firms, social and professional clubs and organizations, charitable and educational foundations, Federal, State, and local governments, and individuals who want to help deserving students obtain an education.

Financial aid will be awarded on the basis of financial need, academic achievement or promise, and character. Application for all types of financial aid should be made through the office of the Director of Financial Aids.

Grants

Grants will be made to students on the basis of financial need and satisfactory academic achievement or promise. The number and the amount of these grants will depend on the need of the students and the availability of funds.

Scholarships

Scholarships will be awarded to students on the basis of outstanding academic ability and achievement. Financial need may also be considered. The primary purpose of these scholarships will be to attract outstanding students to the University and to recognize those students who have done exemplary work at the University.

Loans

Both short- and long-term loans will be available at the University. Short-term loans are intended to meet emergency needs of the student and will be repayable within a short period of time. Long-term loans will be repayable in installments after the student terminates his education at the University.

Funds for the University's loan programs will come from several sources. National Defense Student Loan Funds will be available as a result of the National Defense Education Act, originally passed in 1958. Any person accepted for enrollment at Florida Technological University who is in financial need may apply for one of these loans. A student may borrow as much as \$1,000 in any one academic year up to a total of \$5,000 for his undergraduate education. Repayment begins nine months after the borrower graduates or withdraws from the University, and the repayment period extends over a period of ten years. A borrower who teaches full time in elementary or secondary schools is eligible for partial cancellation of the loan.

Employment

The University plans to participate in the College Work-Study Program, which was established under the Economic Opportunity Act of 1964. Students participating in this Program may work as many as fifteen hours per week while in school and up to forty hours per week during those periods when classes are not in session.

George King
FTU foundation
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Any person who has been accepted as a full-time student at Florida Technological University, who is in need of financial assistance to pursue a college education, and who is capable of doing satisfactory college work while employed may apply for this Program.

Every effort will be made to assist students in obtaining both on-campus and off-campus part-time employment opportunities. The part-time employment program is being designed to provide meaningful work experience, as well as financial assistance.

COOPERATIVE EDUCATION PROGRAM

Rec'd Florida Technological University plans to operate a Cooperative Education Program for those students who wish to combine their campus education with actual work experience.

In many cases, students who participate in this program will be able to observe direct relationships between their program of study and their employment. As a result of their work experience, the classroom activities of the students will tend to become more meaningful. The employment will also provide a source of income which may help the student defray his college expenses.

The Cooperative Education Program will be based on a format under which the student alternates between quarters of study on campus and quarters of employment, usually off campus. The student generally will be assigned to a work team and placed in employment related to his academic field of study.

DEVELOPMENTAL CENTER SERVICES

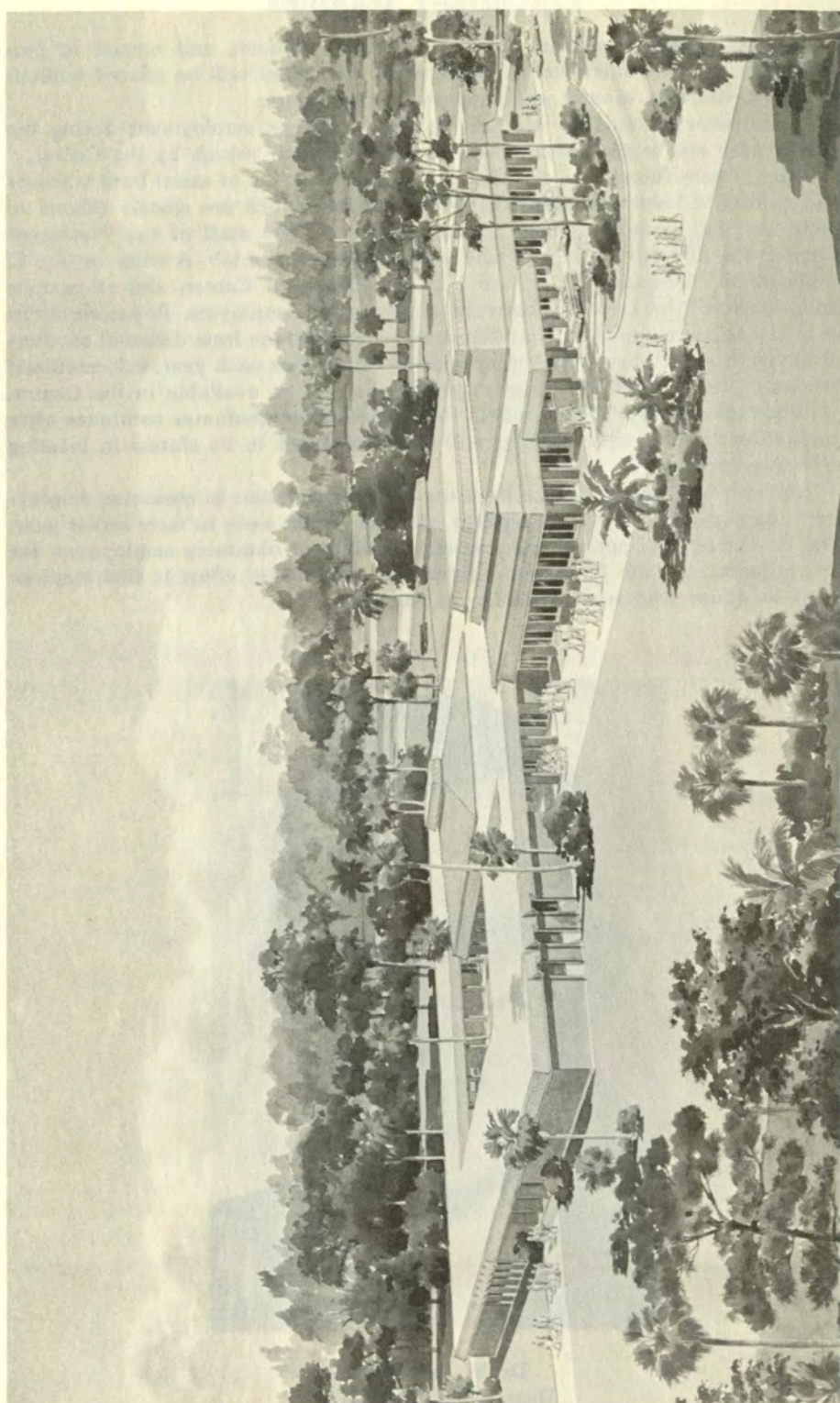
In addition to faculty curriculum advising, the University will maintain a Developmental Center to provide a program of educational, vocational, and personal counseling. All tests and interviews conducted by the Center will be confidential. There will be no charge to the student for most of the services offered by the Center.

Professionally trained counselors will assist the student in career planning. The student, at his request, will be able to gain information about himself through tests designed to evaluate aptitude, achievement, personality, and vocational interests. He will also be able to obtain information about occupational opportunities from the Center's vocational library and receive assistance in evaluating this information through interviews with the counselors.

Services will be provided to assist the student in diagnosing and correcting problems which impede effective learning. The staff of the Center will help the student to improve his study and reading skills and assist in the correction of speech and hearing problems.

Clinical psychologists of the Center staff will be available to assist students with social, personal, and adjustment problems. These staff members will aid the student in identifying, understanding, and correcting personal problems.

The Developmental Center will maintain a roster of students who wish to furnish tutoring services. Tutors will be paid fees by the students receiving their assistance.



Artist's Rendering of Village Center

PLACEMENT SERVICES

The University Placement Center will assist students and alumni in promoting their career interests. All services of the Center will be offered without charge to students, alumni, and cooperating employers.

Upon request, students who are seeking part-time employment during the school year and in the summer will be aided in their search by the Center.

The primary function of the Placement Center will be to assist both students and alumni in locating employment opportunities which are closely related to their training, experience, and career objectives. The staff of the Placement Center will offer advice on how and where to look for a job. A wide variety of employment openings will be listed in the Placement Center, and on-campus interviews will be arranged between students and employers. Representatives of business, educational, and governmental organizations from different sections of the country will make recruiting trips to the campus each year. Informational brochures from these and other organizations will be available in the Center.

Since the University's interest in the careers of its graduates continues after graduation, the Placement Center will offer assistance to its alumni in locating new opportunities.

Students seeking assistance from the Placement Center in obtaining employment upon graduation should register with the Center early in their senior year. The University will not assume the responsibility of obtaining employment for its graduates, but the Placement Center will make every effort to find employment for those who wish to utilize its services.



Dr. W. Rex Brown
Dean of Student Affairs

HEALTH CENTER SERVICES

The University will make provisions for the routine and emergency health needs of the student. First-aid facilities will be available at all times. Nurses will be on duty around the clock. In addition to being available for emergencies, physicians will make regularly scheduled calls to the campus.

STUDENT ORGANIZATIONS, CLUBS, AND ACTIVITIES

Organizations And Clubs

There will be ample opportunities for students to participate in various types of activities provided by the University. At the same time, students will be encouraged to initiate organized activities in areas of their particular interest. Among them will be clubs for persons with similar academic interests and similar hobbies, social clubs, local chapters of professional organizations, and national scholastic honorary societies that recognize achievement in scholarship and other forms of endeavor.

Students will be free to join University-approved organizations for educational, political, social, religious, or cultural purposes within the limits imposed by their responsibility to each other and to the structured life of the University. Organizations that are permitted on campus must be related in a positive way to the educational objectives of the University. In recognizing its responsibility for educationally vigorous student organizations, the University administration will exercise the right of giving recognition to acceptable new groups. The institution will provide periodic review of recognized groups which appear to exist without strength and purpose or at variance with standards of justice and order.

Every student organization will have an adviser drawn from the faculty or administration and an approved written constitution on file stating its purposes and prescribing its form of organization and nature of operation.

Cultural Events

The University will make outstanding cultural events available to both the resident and commuter student. The public will be invited to many of these events. Artists and lecturers of renown will be brought to the campus. Lectures, debates, films, plays, concerts, and exhibits will be presented for the education and the entertainment of the student.

Students will have an opportunity to develop their talents in such areas as music, drama, and art. Outlets for these talents will be provided through such media as the chorus, band, plays, and art exhibits.

The Village Center will maintain a weekly calendar of cultural, religious, and recreational activities and events in the Greater Orlando area which will be open to the students and the other members of the University community.

Student Publications

Student publications will be developed to provide information for students, report the many events of interest to the campus community, and record the year's activities.

Student publications aid in the establishment and maintenance of an atmosphere of free and responsible discussion and of intellectual exploration on the campus. These publications must be authorized and supervised by the University and operated in a manner which is consistent with the aims and character of the institution.

Religious Activities

Most religious faiths have active places of worship in the Greater Orlando area. As a result, students of nearly all faiths will be able to find a place to worship. It is anticipated that many of the churches in the area, particularly those near the University, will develop special organizations and programs for the students.

The University is discussing with denominational groups the type of inter-faith facility that should be constructed on campus.

Intramural And Recreational Sports

The University recognizes the importance of a vigorous physical recreation program involving intramural and recreational sports.

The intramural program is being designed to offer maximum participation with a wide variety of these activities. Students and staff will be provided with essential facilities, and these activities will be competitive as well as recreational.

Recreational sports and sports clubs will afford the students an opportunity to join special-interest athletic clubs. These will be offered for the purpose of increasing skills and knowledge and will have a faculty member as adviser.

Student Government

A basic objective of student government is to provide experiences using democratic methods of problem solving and to promote channels of communication among the students themselves and between the students and the total University community. The University not only will authorize but also will encourage the development of responsible student self-governing bodies.

ALUMNI ASSOCIATION

Since Florida Technological University is a new institution, there are no established student traditions. The first freshmen and junior classes at the University will have a unique opportunity to initiate the development of traditions of which they, the University, and the community at large will be proud.

Similarly, the first graduates of the University will have the opportunity to form an active and outstanding Florida Technological University Alumni Association. The charter members of this Association will come from the first graduating class.

FACULTY AND STAFF

(As of September 14, 1967)

Millican, Charles N., B.S., M.A., Ph.D.....	President of the University
Andrews, Joan C.....	Secretary, Finance and Accounting
Booth, Louise M.....	Clerk, Library
Boston, Ralph C., B.S., Ed.M.....	Assistant Director of Admissions
Brock, Larry S., B.S., C.P.A.....	Director of Finance and Accounting
Brown, Lester A.....	Superintendent of Grounds
Brown, W. Rex, B.S., M.Ed., Ed.D.....	Dean of Student Affairs
Carpenter, Betty S.....	Accounting Clerk, Finance and Accounting
Castiglia, Thomas B., B.S.....	Director of Personnel Services
Chapman, Wm. Dan, B.S., M.A.....	Registrar and Director of Admissions
Cirocco, Sonia M.....	Secretary, Institutional Planning
Clark, Clarence C, B.S., M.S., Ph.D.....	Administrative Consultant
Clayton, Fred E., P.E.....	Director of Physical Plant
Correll, Linda B.....	Personnel Technician, Personnel Services
Cunningham, Elizabeth A.....	Secretary, Public Relations
Daniel, Wm. E.....	Police Officer, Campus Security
Dickey, Wallace, B.B.A.....	Personnel Technician, Personnel Services
Flewellen, Patricia J.....	Secretary to the Vice President of Academic Affairs
Frasier, Tegie S.....	Accounting Clerk, Library
Funk, Gerald W.....	Police Officer, Campus Security
Gambrell, C. B., Jr., B.S., M.S.E., Ph.D.....	Vice President of Academic Affairs
Gentzel, Gladys C.....	Buyer, Procurement
Goree, John Philip, B.A., M.Ed.....	Business Manager
Green, Paul M., A.B., M.S., Ph.D., LL.D.....	Professor and Dean, College of Business Administration
Hall, Harry O., B.A., M.Ed., Ed.D.....	Professor, College of Education
Henn, Mary H.....	Receptionist
Humphrey, Robert H., B.A., M.A., Ed.D.....	Assistant Director, Continuing Education
Hunter, Richard D., B.S., M.A.....	Acting Director of Development and Associate Professor and Director of Physical Education, College of Education
Jordan, James G.....	Police Officer, Campus Security
Kennedy, Mildred A., A.A.....	Executive Secretary to the President
Ketchersid, Arthur L., B.S., M.S.....	Librarian
Kinsey, Junius C.....	Clerk, Library
Lough, Esther B.....	Secretary, Continuing Education
Martin, Robert D., B.S., A.M., Ed.D....	Associate Professor, College of Education
Meyers, Theodore J., B.S.....	Accountant, Finance and Accounting
Micarelli, Charles N., B.A., M.A., Ph.D.....	Professor and Dean, College of Humanities and Social Sciences
Miller, Calvin C., B.A., M.Ed., Ed.D....	Professor and Dean, College of Education
Neel, Richard E., B.S., M.S., Ph.D.....	Director of Institutional Planning
Ostle, Bernard, B.A., M.A., Ph.D. .	Professor and Dean, College of Natural Sciences
Patterson, Robert M.....	Police Officer, Campus Security
Pearson, Dorothy.....	Clerk, Library
Poole, Harry A., B.A., M.A., Ph.D.....	Director, Information Systems
Reynaud, Jay H., B.A.....	Secretary, Continuing Education
Roberts, Raymond L.....	Groundskeeper, Physical Plant

FAMILY AND STATE

Rodman, Frazer W., M.E., M.B.A.....Director of Procurement
Rufenacht, Carol C., B.S.....Secretary to the Registrar
Saltzman, Robert R., B.A., M.B.A.....Associate Professor,
College of Business Administration
Scott, Dorris B.....Secretary, Instructional Resources
Snellings, Geraldine H., B.S., M.S.....Associate Librarian
Snowden, James.....Janitor
Spear, Blanche.....Secretary to the Dean of Student Affairs
Stringer, Alice R.....Staff Assistant to the Business Manager
Thompson, Faye C.....Secretary, Office of the Registrar
Walker, Lynn W., B.A., M.A.....Director of Instructional Resources
Warden, William F., Jr., A.B.....Director of Public Relations
Watson, Mary J.....Staff Assistant, College of Education
Wheaton, Betty S.....Secretary, Personnel Services
White, Myrtle R., B.A.....Library Assistant
Willett, Patricia A., B.S.....Staff Assistant,
College of Humanities and Social Sciences
Wright, Doshie M.....Maid
Young, Edwin O.....Draftsman, Physical Plant

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Reviewing the Page Proofs of **ACCENT ON THE INDIVIDUAL**



(Dr. Richard E. Neel, Director of Institutional Planning, President Millican, and William F. Warden, Jr., Director of Public Relations)

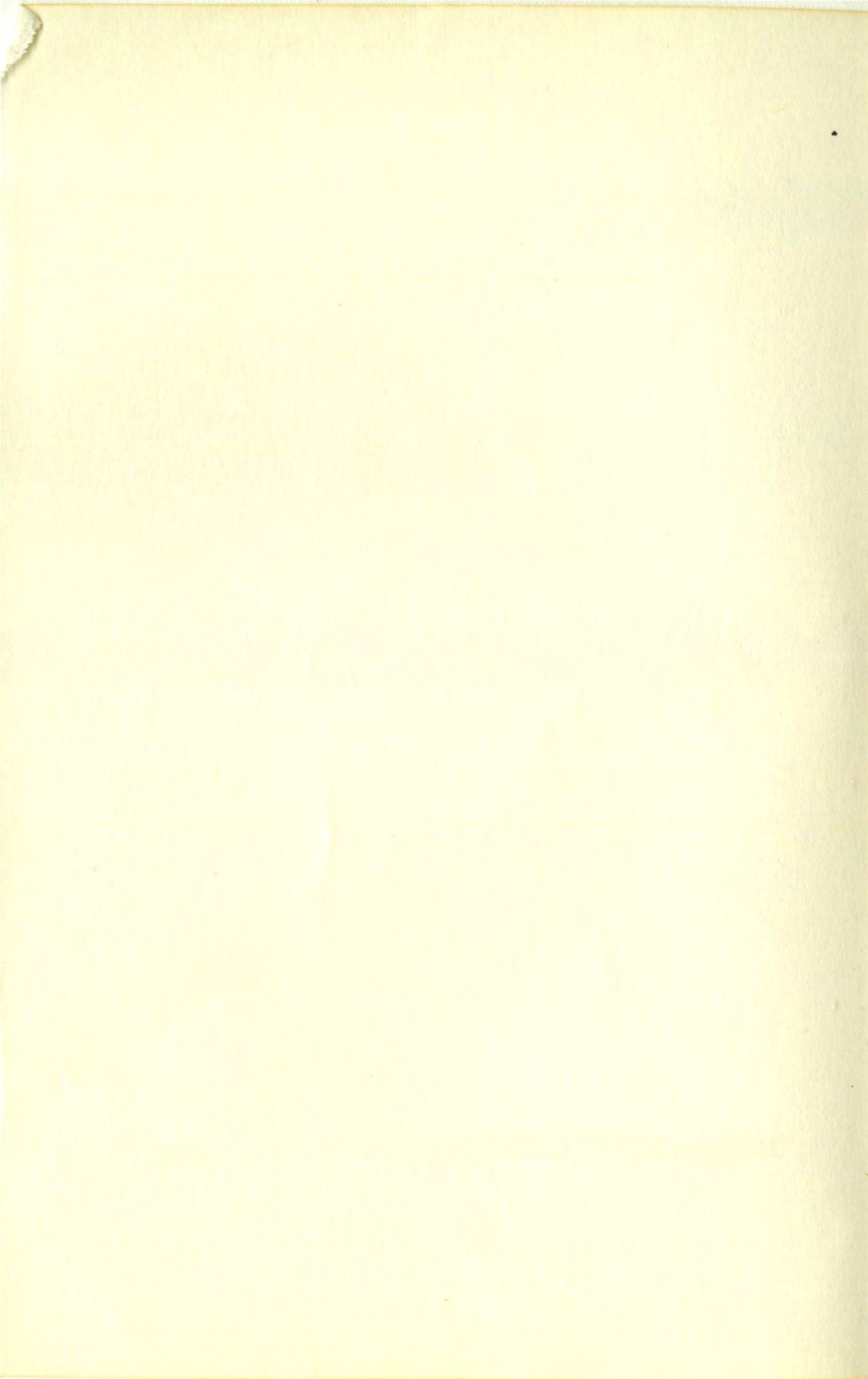
"REACHING FOR THE STARS"

"I am strongly aware that one need only turn toward the eastern horizon—toward the thick thumb of Florida that serves as a launch pad of the missile age—to find that this place, this time in history have their own stupendous significance. But the past is nothing without its validity as a path to the future.

"This generation has a rendezvous with space and the stars . . . We must set our course and move forward... What makes a man try for the impossible? It's a touch of the divine in every one of us."

**Charles N. Millican
President
Florida Technological
University**

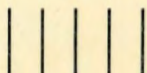
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